

Title II Project Application
Medford District Resource Advisory Committee

1. Project Number (Assigned by federal unit): 118-415 **AMOUNT REQUESTED** **\$8,500**

2. Project Name: Last Chance Creek Culvert #2 and #3 Fish Passage **3. County:** Jackson

4. Project Sponsor: Lynda Boody **5. Date:** March 21, 2003

6. Sponsors Phone #: _____

7. Sponsor's E-mail: _____

8. Project Location (attach project area maps showing general and specific locations of project.)

- a. 4th Field Watershed Name and HUC #(if known): Middle Rogue River (17100310)
b. 5th Field Watershed Name and HUC #(if known): Grave Creek (1710031003)
c. Legal Location: Township T33S Range 4W Section 10
d. BLM District: Medford e. BLM Resource Area OR118 (Glendale)
f. National Forest _____ g. Forest Service District _____
☐ h. State / Private / other lands involved? ☐ Yes ☒ No

9. Statement of Project Goals and Objectives:

To provide access through the culvert for juvenile steelhead, cutthroat trout and other aquatic species that are moving upstream.

10. Project Description: (Provide concise description of project and attach map.)

Very little streambed rock has accumulated in the bottom of both of these 8' x 12' diameter culverts. Water velocity is often too high for small fish to swim upstream through these culverts. A 1 ½ to 2' depth of large and small rock inside the culverts would slow water velocity and provide areas of slack water behind boulders for small fish to rest. In addition, a 6 inch drop at the outlet of culvert #2 effectively prevents small fish from entering the pipe. A layer of large rock (2' diameter) would be laid in the shallow pool at the downstream end of the culvert and "ramped" into the structure to create a smooth transition from the streambed into the downstream end of the pipe. The culverts would then have a "natural" streambed that would allow for fish passage under virtually all streamflow conditions.

11. Coordination of this project with other related project(s) on adjacent lands?

☐ Yes ☒ No If yes, then describe.

12. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)]

Improves maintenance of existing infrastructure. [Sec. 2(b)]

Implements stewardship objectives that enhance forest ecosystems. [Sec. 2(b)]

☒ Restores and improves land health. [Sec. 2(b)]

Restores water quality. [Sec. 2(b)]

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13. Project Type (*check one*) [Sec. 203(b)(1)]

- | | |
|--|---|
| <input type="checkbox"/> Road Maintenance [Sec. 2(b)(2)(A)] | <input type="checkbox"/> Trail Maintenance [Sec. 2(b)(2)(A)] |
| <input type="checkbox"/> Road Decommission/Obliteration [Sec. 2(b)(2)(A)] | <input type="checkbox"/> Trail Obliteration [Sec. 2(b)(2)(A)] |
| <input type="checkbox"/> Other Infrastructure Maintenance (specify): _____ [Sec. 2(b)(2)(A)] | |
| <input type="checkbox"/> Soil Productivity Improvement [Sec. 2(b)(2)(B)] | <input type="checkbox"/> Forest Health Improvement [Sec. 2(b)(2)(C)] |
| <input type="checkbox"/> Watershed Restoration & Mntc. [Sec. 2(b)(2)(D)] | <input type="checkbox"/> Wildlife Habitat Restoration [Sec. 2(b)(2)(E)] |
| <input checked="" type="checkbox"/> Fish Habitat Restoration [Sec. 2(b)(2)(E)] | <input type="checkbox"/> Control of Noxious Weeds [Sec. 2(b)(2)(F)] |
| <input type="checkbox"/> Reestablish Native Species [Sec. 2(b)(2)(G)] | |
| <input type="checkbox"/> Other Project Type (specify) [Sec. 2(b)(2)]: _____ | |

14. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)]
(Use workload measures used for the budget process)

- | | |
|-------------------------------|---|
| a. Total Acres: _____ | b. Total Miles: access to 2 additional miles of habitat |
| c. No. Structures: 2 | d. Estimated People Reached (for environmental education projects): _____ |
| e. No. Of Laborer Days: 2 | |
| f. Other (specify): _____ | |
| g. Program Element: JH | |

15. Duration of Project and Estimated Completion Date [Sec. 203(b)(2)]: _____

Two days. Work would be performed during summer 2003 or 2004

16. Target Species (plants/wildlife etc.) Benefited: (if applicable) Steelhead and cutthroat trout and other aquatic species

17. How will cooperative relationships among people that use federal lands be improved? [Sec. 2(b)(3)]

Due to visibility of this project because it is on a highly traveled road, the public would become more aware of BLM and private landowner responsibilities for managing road systems And the importance of providing fish passage at road crossings.

18. How is this project in the best public interest? [Sec. 203(b)(7)] Identify benefits to communities?

The project would complement objectives of the Oregon Salmon Plan and help to increase production of anadromous fish, including opportunities for recreational fishing.

19. How does project benefit federal lands/resources?

Fish are a public resource. Removing barriers to fish passage would allow young steelhead and trout to find areas of cool water during summer and more favorable water quality during winter.

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20. Status of Project Planning

- | | | | | |
|---|---|-----|-------------------------------|---|
| a. NEPA Complete: | X | Yes | <input type="checkbox"/> No | |
| b. If No, give est. date of completion: _____ | | | | |
| c. NMFS Sec. 7 ESA Consultation Complete: | X | Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Applicable |
| d. USFWS Sec. 7 ESA Consultation Complete: | | Yes | <input type="checkbox"/> No | X <input type="checkbox"/> Not Applicable |
| e. Survey & Manage Complete: | | Yes | <input type="checkbox"/> No | X <input type="checkbox"/> Not Applicable |
| f. DSL/ODFW* Permits Obtained: | | Yes | X <input type="checkbox"/> No | <input type="checkbox"/> Not Applicable |
| g. DLS/COE* 404 Fill/Removal Permit Obtained: | | Yes | <input type="checkbox"/> No | X <input type="checkbox"/> Not Applicable |
| h. SHPO* Concurrence Received: | | Yes | X <input type="checkbox"/> No | <input type="checkbox"/> Not Applicable |
| i. Project Design(s) Completed: | | Yes | X <input type="checkbox"/> No | <input type="checkbox"/> Not Applicable |

* DSL = Dept. of State Lands, ODFW = Oregon Dept. of Fish and Wildlife, COE = Army Corps of Engineers, SHPO = State Historic Preservation Officer

21. Proposed Method(s) of Accomplishment

- | | |
|---|--|
| <input checked="" type="checkbox"/> Contract | <input type="checkbox"/> Federal Workforce |
| <input type="checkbox"/> County Workforce | <input type="checkbox"/> Volunteers |
| <input type="checkbox"/> Other (specify): _____ | |

22. Will the Project Generate Merchantable Materials? (Sec. 204(e)(3))

☐ Yes X No

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23. Anticipated Project Costs [Sec. 203(b)(3)]

- a. Total County Title II Funds Requested: \$ 8,500
- b. Is this a multi-year funding request? Yes ☒ No If yes, then display by fiscal year
- e. FY04 Request: \$ _____
- f. FY05 Request: \$ _____
- g. FY06 Request: \$ _____

***** Note: If you have a complex budget, add it as an appendix. The Resource Advisory Committee will want to know specifically how the funds will be spent.**

Item	Fed. Agency Appropriated Contribution [Sec. 203(b)(4)]	Requested County Title II Contribution [Sec. 203(b)(4)]	Other Contributions [Sec. 203(b)(4)]	Total Available Funds
24. Field Work & Site Surveys	500			500
25. NEPA & Sec.7 ESA Consultation	1,000			1,000
26. Permit Acquisition		500		500
27. Project Design & Engineering		500		500
28. Contract Preparation		1,500		1,500
29. Contract Administration		1,000		1,000
30. Contract Cost		500		500
31. Workforce Cost		500		500
32. Materials & Supplies		500		500
33. Monitoring		500		500
34. Other		500		500
35. Project Subtotal		7500		9,000
36. Indirect Costs (Overhead) (per year for multiple year projects)		1,000		1,000
37. Total Cost Estimate	\$1,500	\$8,500	\$	\$10,000

38. Identify Source(s) of Other Funding in Column C. Above [Sec. 203(b)(4)]

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39. Monitoring Plan (Sec.203 (b)(6))

- a. What measures or evaluations will be made to determine how well the proposed project meets the desired ecological conditions? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?**

The Glendale resource Area fish biologist would be on-site during project construction and will inspect the culverts each winter to determine if adequate rock remains in each culvert following peak flows during winter.

- b. How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs programs such as the Youth Conservation Corps? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?**

A local contractor would be selected for the work. The work would involve heavy equipment and would not be suitable for YCC.

- c. What methods and measures of evaluation will be established to determine how well the proposed project improves the use of, or added value to, any products removed from National Forest System lands consistent with the purposes of this Act? [Sec. 203(b)(6) and Sec. 204(e)(3)] Who will be responsible for this monitoring item?**

No applicable

- d. Identify total funding needed to carry out specified monitoring tasks (Table 1, Item 33)**

Amount: \$500

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Last Chance Creek culvert #2. A small drop at the outlet in combination with high water velocity (due to the absence of streambed rock inside the culvert) creates a barrier to upstream movement of juvenile steelhead and other species with poor swimming ability.



Last Chance Creek culvert #3. Water velocity inside the culvert is excessive because of the lack of streambed rock. A layer of large and small rock would be installed to make it more fish-friendly.



This is what the Last Chance Creek culverts would look like if this project is implemented.

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